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CONTROL AND ELECTRONICS CABLES

# 2YSL(St)CY-J 0.6/1 kV EMV

PE/PVC motor power supply cable, screened



## TECHNICAL DATA



**Standard**  
DIN VDE 0276-603



**Rated Voltage**  
0.6/1 kV (U<sub>0</sub>/U)



**Test Voltage**  
4 kV / 50 Hz



**Bending radius (min.)**  
15 x  $\varnothing$  of cable (free motion)



**Core identification**  
HD 308 S2



**Fire properties**  
EN 60332-1-2: self-extinguishing and flame retardant



**Temperature range**  
Laying temperature: min. 5°C  
Conductor temperature: max. 70°C  
Short circuit temperature: max. 160°C  
Fixed installation: -30°C up to 80°C  
Flexible use: -5°C up to 70°C

## DESIGN



| Number of cores x nominal cross-section (mm²) | Max. conductor resistance (Ω/km) | Outer diameter appr. (mm) | Total weight appr. (kg/km) | Standard lengths/packing (m) |
|-----------------------------------------------|----------------------------------|---------------------------|----------------------------|------------------------------|
| 4 G 1,5                                       | 13.3                             | 10.6                      | 244                        | 500 T, 1000 T                |
| 4 G 2,5                                       | 7.98                             | 12.3                      | 318                        | 500 T, 1000 T                |
| 4 G 4                                         | 4.95                             | 14.0                      | 515                        | 500 T, 1000 T                |
| 4 G 6                                         | 3.3                              | 16.1                      | 670                        | 500 T, 1000 T                |
| 4 G 10                                        | 1.91                             | 19.7                      | 914                        | 500 T, 1000 T                |
| 4 G 16                                        | 1.21                             | 23.0                      | 1367                       | 500 T, 1000 T                |
| 4 G 25                                        | 0.78                             | 27.3                      | 1970                       | 500 T, 1000 T                |
| 4 G 35                                        | 0.554                            | 30.3                      | 2763                       | 500 T, 1000 T                |
| 4 G 50                                        | 0.386                            | 35.0                      | 3126                       | 500 T, 1000 T                |
| 4 G 70                                        | 0.272                            | 40.0                      | 4182                       | 500 T, 1000 T                |
| 4 G 95                                        | 0.206                            | 45.0                      | 5725                       | 500 T, 1000 T                |
| 4 G 120                                       | 0.161                            | 51.9                      | 6504                       | 500 T                        |
| 4 G 150                                       | 0.129                            | 57.5                      | 7043                       | 300 T                        |
| 4 G 185                                       | 0.106                            | 61.1                      | 8384                       | 300 T                        |
| 4 G 240                                       | 0.801                            | 70.0                      | 12500                      | 300 T                        |

## CONTACT PERSON

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